

FIG. 1A

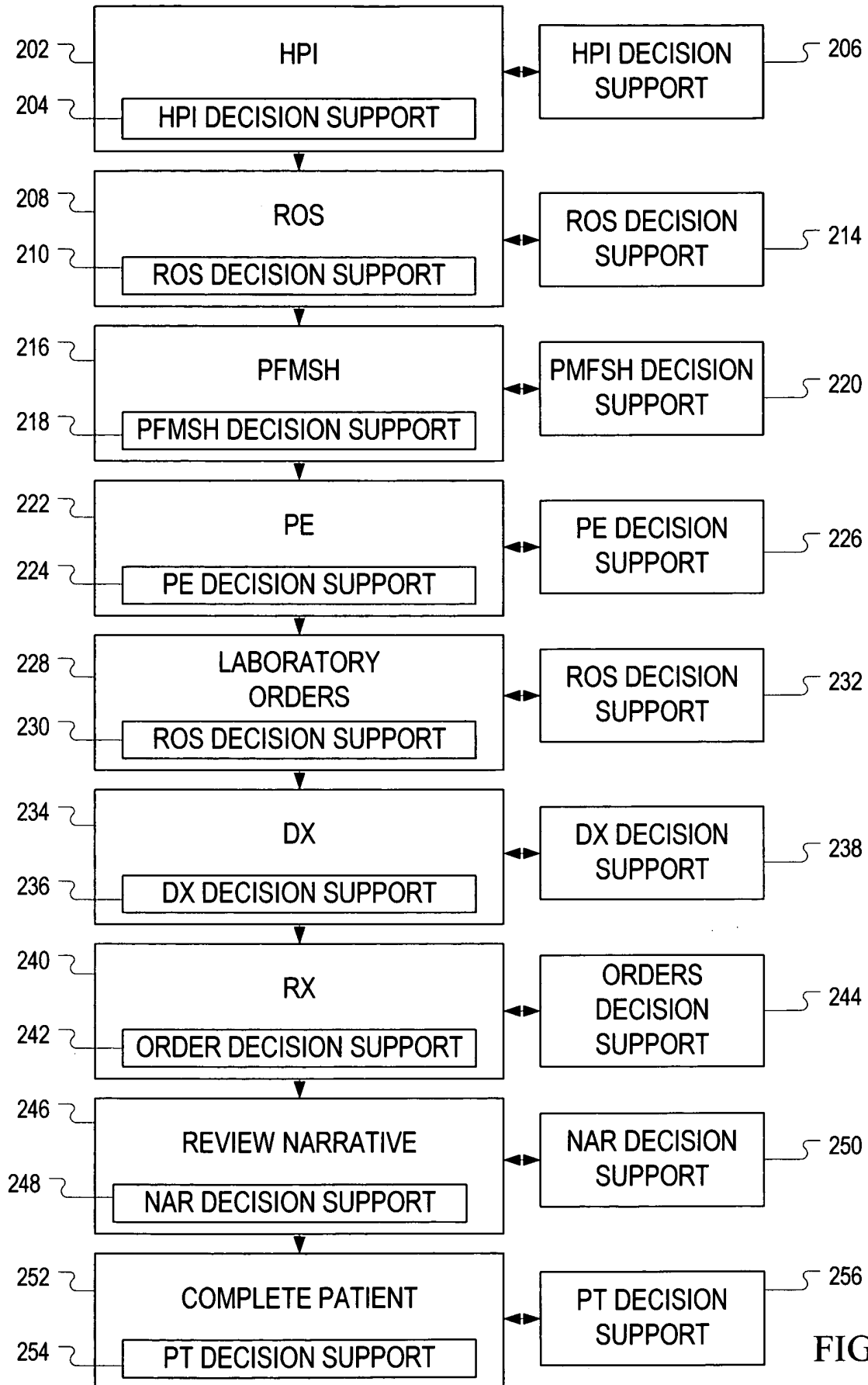


FIG. 1B

Drug class: antibiotics

Arethromycin *Best practice step 1 for inner ear infection*

Helthinex

Jardiflex

Keflex

Mangilex

Nominex

Penicillin

Select a medication to prescribe.

FIG. 2

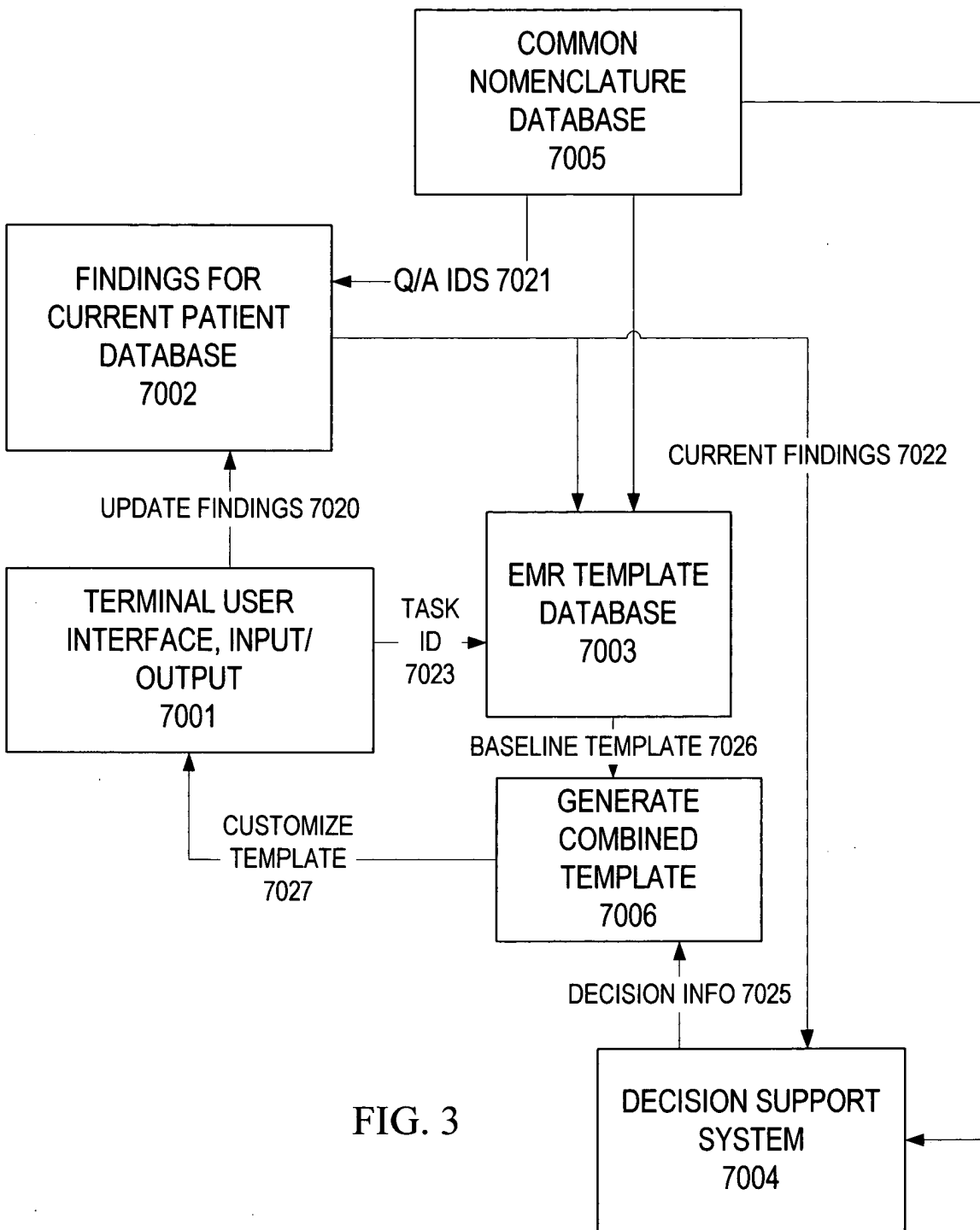



FIG. 3

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**Best practice treatment advisory**
Recommended step therapy for *inner ear infection*
step 1. erythromycin 2tab 250mg bid qty14
step 2. keflex 1cap 500mg qid qty 24

Drug class: antibiotics

Erythromycin

Haltinex

Jardiflex

Keflex

Mangilex

Nominex

Penicillin

Select a medication to prescribe.

FIG. 4

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Standard questions/findings: Cardiovascular exam

Rhythm: ☐ Regular ☐ Irregular

Rate: ☐ Normal ☐ fast ☐ slow

Murmur: ☐ Present ☐ Not Present

Grade: ☐ I/VI ☐ II/VI ☐ III/VI ☐ IV/VI ☐ V/VI ☐ VI/VI

Timing: ☐ early systolic ☐ mid systolic ☐ late systolic ☐ systolic ejection ☐ holosystolic
☐ diastolic ☐ early diastolic ☐ mid diastolic ☐ late diastolic ☐ holodiastolic
☐ continuous ☐ machinery-type

Radiation: ☐ Neck ☐ Axilla ☐ Base of heart ☐ Apex of heart ☐ Back ☐ Diffuse ☐ Abdomen

S2: ☐ Present ☐ Not present

S3: ☐ Present ☐ Not present

S4: ☐ Present ☐ Not present

Rub: ☐ Present ☐ Not present

Disease management questions/findings: Cardiovascular exam

The virtual consultant suggests that you determine the answer to this important diagnostic question.

Mediastinal crunch: ☐ Present ☐ Not present

FIG. 5

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The screenshot shows the ReCare software interface. At the top is a navigation bar with icons for Patients, Messages, Tests, Refills, Forms, and Admin. Below this is a header for "Henry Black" and "History of Present Illness|ROS". On the left is a vertical sidebar with icons for HPI, PMH, Med, All, PE, and EX. The main content area displays "Chest Pain" with icons for a physical exam and a text entry field. Below this is the "Chief Complaint: 'I am having chest pain.'" followed by a list of symptoms: Location: Sub-sternal, Quality: Pressure, Severity: Moderate, Radiation: No, Precipitates: Exertion, Alleviates: Rest, Frequency: One per day in, Duration: Three minutes average, and Onset: Five days ago in. On the right side, there is a "VIRTUAL CONSULTANT" logo and two boxes: "Today's Problems" listing "1. Chest pain" and "2. Lower back pain", and "Active Problems" listing "1. Diabetes type II", "2. Hypertension", and "3. Hyperlipidemia". A checkbox for "HPI templates" is also present.

(a) No alert displayed

This screenshot is identical to the one above, showing the same patient information and symptoms. However, in this version, a warning alert is displayed. The alert is represented by a large exclamation mark inside a triangle, positioned above the "Today's Problems" box. The rest of the interface, including the navigation bar, header, sidebar, and symptom list, remains the same.

(b) Alert displayed

FIG. 6

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ReCare

Henry Black

Patients

Messages

Tests

Refills

Forms

Admin

History of Present Illness|ROS

HPI

PMH

Med

ALL

PE

TX

DX

Ord

Rx

EXM

Nat

Ref

Chest Pain

☐ ☐ ☒ T

Chief Complaint: "I am having chest pain."

Location: Sub-sternal

Quality: Pressure

Severity: Moderate

Radiation: No

Precipitates: Exertion

Alleviates: Rest

Frequency: One per day in

Duration: Three minutes average

Onset: Five days ago in

Expand template

Move to ROS

Add individual findings

Today's Problems

1. Chest pain

2. Lower back pain

☐ HPI templates

Active Problems

1. Diabetes type II

2. Hypertension

3. Hyperlipidemia

Review of Systems

Positive ROS

Skin: itching

Neuro: dizziness

☐ Display all systems

Neurological

Psychological

Head

Eyes

Otolaryngeal

Pulmonary

Cardiovascular

Gastrointestinal

Muskuloskeletal

Systemic

Skin

Endocrine

Hematologic

FIG-HP-VC

FIG. 7

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 ReCare Henry Black		     					
           	Virtual Consultant						
	CARDIOLOGY		DERMATOLOGY				
	ENT		NEUROLOGY				
	PULMONOLOGY		PSYCHIATRY				
	GASTROENTEROLOGY		RHEUMATOLOGY				
	UROLOGY		ENDOCRINOLOGY				
	NEPHROLOGY		HEMATOLOGY				
	ORTHOPEDIC SURGERY		ONCOLOGY				
	GENERAL SURGEON						
	<hr/>						
 Virtual Cardiologist							
Suggested Diagnosis							
Highly likely:							
<u>Ischemic heart disease</u>							
Less likely:							
<u>cholelithiasis</u>							
<u>GERD</u>							
Suggested additional questions:							
<input type="checkbox"/> Y <input type="checkbox"/> N		Is the chest pain increasing in frequency, severity or duration since it first began?					
<input type="checkbox"/> Y <input type="checkbox"/> N		Has nitroglycerin been tried and if so what has resulted?					
<input type="checkbox"/> Y <input type="checkbox"/> N		Is the chest pain related to eating or the supine position?					
<p style="text-align: right;">FIG-HPAC-SUB</p>							

FIG. 8

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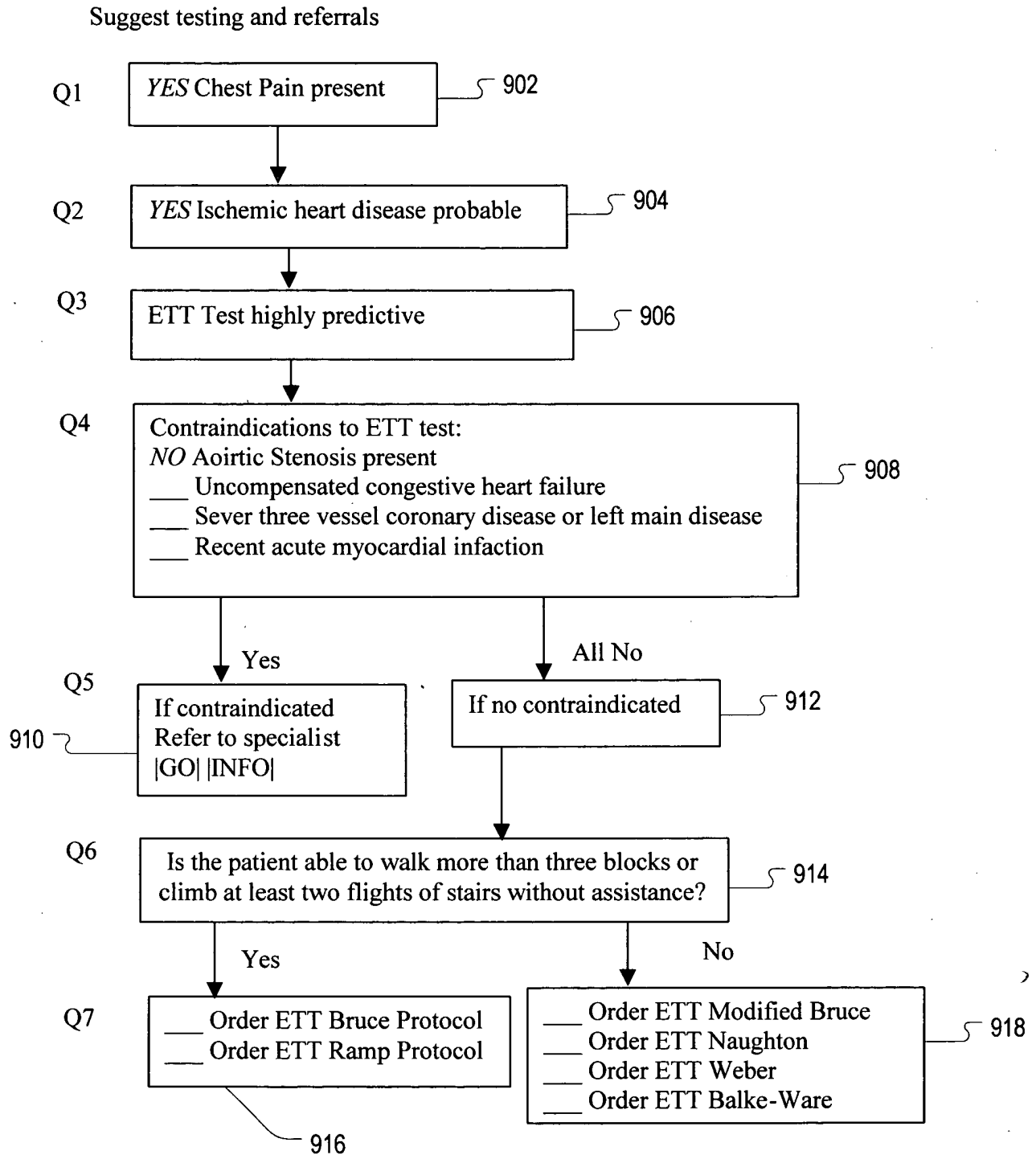


FIG. 9

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